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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 18th December 1971
CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 16th October 1971 in page 383, Column 1 under the heading "Registration of Designs" in Class No. 1 and Design No. 138625.

for Class No. 1 read Class No. 3.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

27th November 1971

- 133770. Council of Scientific and Industrial Research. Improvements in or relating to rust and scale removing jelly.
- 133771. S. L. Mahendra. Laminating machines and the laminating process dry method.
- 133772. Swiss Aluminium Ltd. Production of aluminium by electrolysis.
- 133773. A. S. Cornford. Gear cutting machines. (30th November 1970).
- 133774. Joseph Lucas (Industries) Limited. Voltage regulators. (11th December 1970).
- 133775. Imperial Chemical Industries Limited. Graphite compositions. (11th December 1970).
- 133776. Stamicarbon N. V. Process for the polymerization of alkenes.
- 133777. B. K. R. R. Sharma. Automatic magnetic control system.

29th November 1971

- 133778. Council of Scientific and Industrial Research. Production of cement clinker from flyash.
- 133779. Council of Scientific and Industrial Research. Process for racemisation of hyoscyamine for production of atropine.

- 133780. H. N. Krishnamurthy. A system of reinforcing R C C sections which may be called as tangachi system of reinforcement.
- 133781. C. L. S. Rao. Improvements in or relating to a regulator for varying speeds of motors, fans and also varying intensity of light from a source utilising electrical energy.
- 133782. Shell Internationale Research Maatschappij N. V. Synthetic fibre and yarn manufacture. (30th November 1970).
- 133783. Sherritt Gordon Mines Limited. Control of density of thickener underflow slurry. (11th January 1971).
- 133784. Uss Engineers and Consultants, Inc. Recuperative furnaces.
- 133785. Siemens Aktiengesellschaft. Improvements in or relating to V. H. F. Heterodyne circuits. (19th August 1971).
- 133786. Siemens Aktiengesellschaft. Improvements in or relating to frequency multipliers (26th August 1971).
- 133787. Siemens Aktiengesellschaft. Improvements in or relating to electromechanical filters. (8th September 1971).
- 133788. Indian Institute of Technology. Improvements in or relating to two-speed three-phase induction motors.
- 133789. I. H. W. Anderson. Improvements relating to contraceptive devices. (30th November 1970).

30th November 1971

- 133790. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of para-tolysulfonylurea.
- 133791. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of cyclohexanone-oxime from cyclohexanone.
- 133792. Council of Scientific and Industrial Research. Improvements in or relating to laboratory model freeze drying unit.

133793. Council of Scientific and Industrial Research. Improvements in or relating to a process for the preparation of fish protein concentrate and fish flour from marine fishes.
133794. Council of Scientific and Industrial Research. Improvements in or relating to immersion coolers, cold temperature immersion thermostat with circulating baths and like equipment.
133795. D. N. Medak. Hand machine of boating.
133796. Farbenfabriken Bayer Aktiengesellschaft. A method and the apparatus for carrying out chemical processes.
133797. Mitsubishi Acetate Company Limited. Cellulose acetate fiber tobacco smoke filter and process of manufacturing the same.
133798. Imperial Chemical Industries Limited Insulated conductor. (1st December 1970).
133799. Societe Des Fonderies De Pont-A-Mousson. Apparatus for removing parts cast in sand moulds.
133800. Sealed Power Corporation. Improvements relating to piston rings. (1st October 1971).
133801. Stamicarbon N. V. Preparation of pyridine or pyridine with 2, 6-lutidine as by-product.
133802. Siemens Aktiengesellschaft. Improvements in or relating to cross-linking of olefin polymers. (19th April 1971). [Addition to No. 128730].
133803. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for improving a disazo pigment.
133804. Chief Scientist, Research & Development Organisation, Ministry of Defence, Government of India, New Delhi. Vibration isolation table.
133805. T. F. Newell. Building blocks.
133806. Labaz. Indole derivatives and compositions containing the same. (9th December 1970).
133807. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Crystal-clear polyamides.
133808. Swiss Aluminium Ltd. Production of aluminium by electrolysis.
133809. Macfarlan Smith Limited. Reduction of the bain. (11th December 1970).
133810. Ginsa General Inventors Societed Anonima. Process for the manufacture of articles having a load bearing structure of thermosetting plastics material.
133811. The Upjohn Company. Novel 1, 6-disubstituted 4H-s-triazolo [4, 3-a] [1, 4] benzodiazepines and a process for the production thereof.
133812. The Upjohn Company. 11-silyl intermediates of prostaglandin F α ("PGF α ") compounds and process for the preparation of the same.
133813. R. G. DePenning. Metal power and the production thereof.
133814. Jitendra Nath Das. Vehicles including novel steering mechanism.
133820. Veb Polygraph Leipzig Kombinat für Polygraphische Maschinen und Ausrüstungen. Device for adjusting the spring force on folding rolls.
133821. Ethicon, Inc. Absorbable copolymer suture.
133822. A. P. Pellegrini. Process for the production of dry molasses from sugar-cane or beetroots molasses.
133823. Intreprinderea "Dimbovita". Process for the quick tannage with lequors of sole leather semi-products.
133824. Dr. M. R. Ananth. A novel composition for cure of malarial or like fevers.
133825. Sandoz Ltd. Process for the production of 1-nitroanthraquinone.
133826. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Crystal-clear polyamides.
133827. W. Rutz. Hand tool for opening screw caps.
133828. Tatabanyai Szenbanyak. Method for the processing of red mud.
133829. Litton Industries, Inc. Heating furnace.

2nd December 1971

133830. Joseph Lucas (Industries) Limited. Direction indicator switches. (12th December 1970).
133831. Industrie Pirelli Societa Per Azioni. Electricity distribution cable.
133832. Sperry Rand Corporation. Improvements in valves for fluids. (7th October 1971).
133833. Bakelite Hylam Limited. Improvements in or relating to laminates.
133834. Veb Rationalisierung Braunkohle. Mining device for underground winning of solid substances.
133835. L. G. Varadaraj. A mechanical horn.
133836. Sandoz Ltd. Agents for the soil repellent finishing of textiles.

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133837. Nanda Dulal Mukherjee. Improvements in or relating to mechanical driers.
133838. Girling Limited. Improvements in or relating to fluid pressure control valves. (11th June 1971).
133839. Girling Limited. Improvements in or relating to fluid pressure control valves. (11th June 1971).
133840. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo dyestuffs and process for preparing them.
133841. U. S. Amada Limited. Punch press provided with an improved equipment.
133842. Ims Limited. Uro-jet.
133843. Regie Nationale Des Usines Renault and Automobiles Peugeot. Improvements in a clamping of parts by adherence on axial thrust support.

Alteration of Date

126926. The application has been post-dated to the date 1st December, 1971 under sub-section (1) of Section 5 of the Indian Patents and Designs Act, 1911.
132693. Ante-dated to 11th March 1970 under Section 5 of the Act.
133533. Ante-dated to 20th June 1970 under Section of the Act.

1st December 1971

133815. Imperial Chemical Industries Limited. Fibrous materials. (11th December 1970).
133816. Ciba-Geigy AG New disazo pigments and process for their manufacture.
133817. Dr. C. U. Peddinghans. Hydro-pneumatic piston and cylinder damping device.
133818. Joseph Lucas (Industries) Limited. Solenoid for use in an engine starting mechanism. (8th December 1970).
133819. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble metal complex monoazo dyestuffs and a process for their manufacture.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India book Depot 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the Office.

The dates shown in crescent brackets are the dates allowed under Section 78A of the Act.

125308. R. J. Stone. Animal deterrent compositions for application to plants and articles. (15th October 1968). Accepted on 29th November 1971.

Containing an animal deterrent compound of aluminium together with atleast one other deterrent compound selected from benzyl-diethyl-(2, 6-xylylcarbamoyl methyl) ammonium benzoate, 9, 10-dioxoanthracene, dimethylphthalate, N, N-diethyl-m-tolamide, butopyrenoxyl mellantriol, crude extracts of parts of the plants melia azadirach L and melia azadirachta L and margosa oil.

125343. Vyzkumny Ustav Strojirenske Technologie A Ekonomiky. Improvement in or relating to apparatus and method for surface finishing of balls for ball bearings. Accepted on 18th November 1971.

Comprising a rotatable table or disc, capable of axial movement, and having seats for balls, and driving mechanism above rotatable table for balls.

125379. Electronics Corporation of India Limited. A thermal insulation stripper for removing a plastic insulation. Accepted on 22nd November 1971.

Comprising an attachment for contacting a soldering iron and a member extending from the attachment and having a slot for contacting the plastic insulation.

125478. Institutul Petrochim. Process for the production of styrene derivatives. Accepted on 25th November 1971.

Using for catalytic dehydrogenation ethylbenzene or isopropyl benzene, a catalytic layer composed of two catalysts upper layer comprising 65-70% of Fe_2O_3 , 2-3% Cr_2O_3 , 30-33% K_2O and the lower layer comprising 85-90% Fe_2O_3 , 5-8% K_2O and 2-5% Cr_2O_3 .

125482. Ashland Oil Inc. Process for preparing improved furan prepolymers and binder compositions containing said prepolymers. Accepted on 26th November 1971.

Process characterized in heating the furan prepolymer in the presence of a metal ion catalyst and recovering the same.

125521. Norton Company. Method of making metal bonded grinding tools and tools produced thereby. Accepted on 27th November 1971.

Comprising abrasive particles surrounded by sintered powdered metallic material, immediately surrounded by nodules of said abrasive, and a metallic bonding agent.

125534. Legg (Industries) Limited. Improvements relating to automatic electric battery charging apparatus. (3rd March 1969). Accepted on 2nd December 1971.

Including means for automatically adjusting the charging current to bring the battery voltage while on charge to a datum value and means for pro-

gressively increasing the datum value during at least a part of a charging cycle.

125559. The Chief Controller, Research and Development, Ministry of Defence, Govt. of India, New Delhi (India). High infra-red reflective black pigment. Accepted on 26th November 1971.

Comprises producing and simultaneously precipitating barium magnate over a pigment core.

125591. Emery (India) Private Ltd. Process for preparation of hubba having hard wearing and anti skid properties. Accepted on 2nd December 1971.

Comprises incorporating abrasive grains in the rubber by applying adhesive solution and heating or the same is incorporated by mixing in the rubber solution prior to the formation of the sole by moulding.

125690. Fosco International Limited. Refractory dressing for ingot moulds. Accepted on 27th November 1971.

Comprising particulate refractory material, including magnesia, having a residual hydration ability of less than 4% by weight, and alkali metal silicate as binding agent.

125733. H.-U. Sohr. A process for the manufacture of a zip fastener and a zip fastener so manufactured. Accepted on 27th November 1971.

Characterised in that link chain is of a thermoplastic thread having high shrinking properties below softening temperature.

125920. V. V. Kumar. Improvements in or relating to arched structures and the like. Accepted on 29th November 1971.

In which each brick has two opposed bevelled faces and serrated, with one or more perforations running through each brick, parallel to the bevelled faces; bricks in each row are disposed with their bevelled faces against each other and the perforations are filled with filler material.

125921. V. V. Kumar. Improvements in or relating to arched structures and the like. Accepted on 29th November 1971.

Wherein each brick has a serrated face and two other opposed bevelled faces with one or more perforations running through the brick transverse to the bevelled faces; the bricks are disposed with their bevelled faces against each other with the perforation in the bricks in each row communicating with each other, said perforations are filled with a filler material, the serrated faces of the bricks in each row form the top surface of the arch and at least one reinforcing member running on the serrated faces is bonded to the said faces.

125922. V. V. Kumar. Improvements in or relating to arched structures and the like. Accepted on 29th November 1971.

Each brick has two opposed faces bevelled, at least one hole running through each brick and ending in two apertures on the bevelled faces, one or more perforations running transverse to said hole the bricks in each row having their bevelled face adjacent to each other to form the arched structure, at least one reinforcing member running through the holes of each row of bricks and bonded to the bricks by bonding material filled in said holes and the perforations being filled with a filler material.

125976. Universal Oil Products Company. A method of making a polyurethane article having a resilient cushion bonded to a rigid structure. Accepted on 29th November 1971.

Comprising introducing a first mixture of polyols, polymeric isocyanate and a blowing agent into a mold, allowing it to foam and cure, removing a portion of the mold, covering the exposed portion with an additional mold and introducing

a second mixture of polyol, isocyanate, alcohol and a blowing agent, followed by curling and separating of the mold.

126040. S. P. Kanhere. An improved access stand. Accepted on 27th November 1971.

Comprising a platform, scissor mechanism worked by hydraulic or electromechanical power, power unit, upper deck platform is a multitiered unit, secondary platform accommodated in hollow portion of main platform.

126236. Thimonnier & Cie. Mouthpiece for bags, packets, tubes or other receptacles of plastics material with a conical neck portion. Accepted on 2nd December 1971.

The lower portion of the mouthpiece includes two diametrically opposed blades and is provided with peripheral fluting at spaced intervals therearound.

126325. N. M. Shah. A pilferproof obturator. Accepted on 26th November 1971.

Consisting of a nozzle member adapted to be secured at one end to the mouth of a bottle or like container and the other end has a breakable plug extending outwardly.

126377. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. (28th July 1969). Accepted on 27th November 1971.

Comprising electrical loads with switches, switching means sensitive to the way in which the feed lines are energised, one instrument and a variable resistor connection between them being made through feed lines.

126470. Parkson Corporation. A process for concentrating heat sensitive liquids having vaporizable constituents. Accepted on 29th November 1971.

Comprising passing the liquid through a portions flow path, applying heat, passing the heated liquid through another flow path and allowing the pressure therein to drop below the vapour pressure of the liquid through forming a homogeneous liquid vapour therein and separating them.

126607. Itt Industries, Inc. Process for producing an alkaline aqueous gel-forming grouting composition and a process for producing a grouted structure therefrom. Accepted on 11th November 1971.

Forming an admixture of vegetative polyphenolic material 1 to 10 weight percent of formaldehyde and a water soluble iron salt, in which, prior to formation of the admixture the salt reacted in aqueous solution with a polyol of the group consisting of monomeric sugars, low molecular weight sugar polymers, derivatives of the same and admixtures thereof.

126790. Unilever Limited. Meat flavouring agents. Accepted on 25th November 1971.

Being characterised in that at least one thia-alkanehtol or a salt of such a compound is incorporated in a food.

126821. L.-H. Chang and Y.-Y. Hung. Paper match book assembly. Accepted on 26th November 1971.

Providing an unused portion of an igniter strip for each match to insure lighting of the match as it is pulled from the match book.

126864. Monsanto Company. Herbicidal compositions. Accepted on 29th November 1971.

A synergistic herbicidal composition comprises a mixture of a triazine and a 2-chloro-N-alkoxyalkyl acetanilide.

126891. Cordotex S. A. Packaging container, method for the production thereof and equipment for carrying

out the said method. Accepted on 1st December 1971.

Two parts which are channel-shaped are assembled and joined together along their edges of contact such that their webs and legs enclose the container cavity, the edges also being sealed to each other in a fluid tight way.

126910. Allied Tube & Conduit Corporation. Method and apparatus for continuously galvanizing steel strip. Accepted on 2nd December 1971.

Comprising steps of feeding steel strip passing it horizontally in molten agitated zinc bath and then passing horizontally out of bath at below the surface thereof.

126926. Metallgesellschaft AG. Vanadium-titanium-niobium alloys. Accepted on 4th December 1971.

Comprising 12-25% vanadium, 1-3% titanium, not more than 1% in total of carbon, nitrogen and oxygen, the remainder vanadium, upto half of the titanium being replaceable by equal weight percentage of zirconium and/or hafnium.

127002. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the polymerisation of olefins. Accepted on 29th November 1971.

The polymerisation is carried out at a temperature of from 110 to 180°C in the presence of hydrogen, a reaction product of titanium tetrahalides and magnesium alcoholate and an organo aluminum compound.

127023. Joseph Lucas (Industries) Limited. Air cleaning apparatus (21st July 1969). Accepted on 27th November 1971.

Characterising inner wall of body includes helically extending abutment in the direction of air flow around the inner surface of the body.

127032. C. A. V. Limited. Electric circuits for increasing the initial rate or rise of current in an inductor in the circuit (11th June 1969). Accepted on 26th November 1971.

Comprising a first unidirectional current flow vice supplying current to the inductor when a first switch means is closed and a capacitor connected between the device and the inductor through a second unidirectional current flow device and a second switch means.

127156. Sybron Corporation. Liquid level measuring device with temperature compensator. Accepted on 26th November 1971.

A liquid filled differential pressure device is provided wherein at least a portion of the liquid filled compartments of the high and a low side pressure sensors are passed one adjacent the other in a heat exchange relationship.

127182. Pactide Corporation. Improvements relating to distillation apparatus. Accepted on 1st December 1971.

Comprising a plurality of distilling units placed in juxtaposition to form multiple effect still within a housing made of two complimentary shaped structure joined together the still having peripheral portions engaging the housing so as to form peripherally of the still a plurality of chambers.

127236. Council of Scientific and Industrial Research. A process for the production of a fungal acid protease for use e.g. as a bating agent in leather manufacture. Accepted on 2nd December 1971.

Process for the production of an acid protease having optimum activity in the pH range of 3 to

4 form the filtrate of the culture of the mold *penicillium janthinellum*, grown in liquid medium on a rotary shaker, filtering the culture and if desired evaporating the filtrate to dryness to recover the protease powder.

127248. Uss Engineers and Consultants, Inc. Apparatus and method for pyro-processing into sinter raw material pellets. Accepted on 26th November 1971.

Comprising a rotary kiln adapted to receive raw material at one end, heating means adjacent other end of the kiln, drying means adjacent one end of the kiln and cooling means communicating with drying means, a pre-heating zones adjacent drying means, zone adjacent other end of the kiln restriction means between preheating and reaction zone for damming a reservoir of raw material pellets.

127312. R. G. DePenning. Particle removing apparatus. Accepted on 27th November 1971.

Comprising a retaining member capable to support powder thereon, means to amount remote end of a blade which is arranged to position the cutting edge thereof in pressure contact with the retaining member, and means to produce relative motion between the two.

127342. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device manufactured by said method. Accepted on 30th November 1971.

Comprising the steps prior to etching, a layer of a readily conductive material is formed on the surface of the high ohmic layer which is separated from the substrate by the high ohmic material, the high ohmic present between the substrate and the conductive layer being given a thickness which is at least equal to the thickness of the depletion region.

127350. Minnesota Mining and Manufacturing Company. aquatic herbicide. Accepted on 1st December 1971.

A composition in the form of suspension or dispersion comprises substantially insoluble copper containing compounds and a suitable adjuvant the size of the copper containing compounds varying within from 0.01 to 1000 microns in diameter.

127375. Universal Oil Products Company. Process for producing a mixture of high purity C_8 aromatic hydrocarbons. Accepted on 29th November 1971.

The naphtha feed is introduced into a feed splitter distillation column, a overhead fraction is removed therefrom which is subjected to catalytic reforming the reformat is passed into a decanizer fractionating column to separate hydrocarbons having 8 or more carbon atoms from a fraction having less than 8 carbon atoms and then C_8+ fraction is passed into a rerun fractionating column to separate a mixture comprising high purity C_8 aromatic hydrocarbons.

127378. C. A. V. Limited. Fuel injection nozzles. (7th July 1969). Accepted on 1st December 1971.

Comprising a supply orifice through which fuel flows to a combustion space of an associated engine and a resiliently loaded valve member which co-operates with a seating to prevent the flow of fuel through the supply orifice.

127529. Vickers Limited. Improvements in or relating to apparatus for treating refuse. (15th July 1969). Accepted on 2nd December 1971.

Comprising a drum with curved wall first means rotatable with drum, second means comprising first, second and third baffles, an arc connection with curved wall.

127542. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicidal composition. Accepted on 29th November 1971.

Comprising compounds of type (a) 2, 4-dichlorophenoxyacetic acid and (b) isopropyl-2, 1, 3-benzothiadiazinon-(4)-2, 2-dioxide.

127589. Knapsack Aktiengesellschaft. Process for the manufacture of waterproof striking surfaces for matches. Accepted on 30th November 1971.

Comprising using an anhydrous polyvinyl chloride plastisol as the binder together with red phosphorous, glass powder and like and optionally the said binder may be blended with a liquid chlorinated paraffin and diluted with a low-boiling plastic extender.

127612. A. K. Jain. Machine for identification of heart sound. Accepted on 29th November 1971.

Comprising one microphone, one amplifier, one speaker, one volt metre and one battery, all are placed in a wooden box.

127618. Chief Controller Research & Development, Government of India, Ministry of Defence, New Delhi (India). A device for the determination of suspended free water in aviation turbine fuel. Accepted on 1st December 1971.

A mixture of cresol red and BaCo, adapted to be packed in a gelatine capsule.

127758. Ciba Limited. Pigment dyestuffs and process for their preparation. Accepted on 29th November 1971.

Combining a water soluble dyestuffs with a finely disperse, coloured insoluble, infusible cross linked aminoplast.

127761. Societe Alsacienne De Constructions Mecaniques De Mulhouse. Improvements relating to spinning frames. Accepted on 29th November 1971.

Comprises a fixed part and a rotary part, a rotary drive for the spindle being provided by a step up belt drive.

127840. Vsesojuzny Nauchno-Issledovatel'sky Institut Legkogo i Textilnogo Mashinostroenia, Selvaging arrangement for shuttleless weaving looms. Accepted on 29th November 1971.

The hook secured to the swivel pin in connected with the slay through a mechanism converting the reciprocatory movement of the slay into swivelling movement of the hook into the shed and back therefrom.

128017. Universal Oil Products Company. Solvent extraction of coal. Accepted on 1st December 1971.

Contacting coal with a polycyclic aromatic compound withdrawing an effluent of liquid coal extract of hydrogen rich components and a hydrogen rear components, fractionally distilling the effluent to separate the aromatic compound and contacting the coal extract obtained with a second solvent selective for said hydrogen rich component and withdrawing a hydrogen-rich liquid extract phase.

128158. British Insulated Callender's Cables Limited. Improvements in methods of and apparatus for extruding plastic material. (25th August 1969). Accepted on 27th November 1971.

The pressure measurement at a single point in the extruder barrel or the measurement at each of a number of points is sampled at intervals under the control of a timing device.

128184. Union Carbide Corporation. Hydrogen absorbing material for electrochemical cells. Accepted on 29th November 1971.

Comprising a hydrogen gas permeable, shaped body of a solid compound which will react chemically with hydrogen gas, a catalyst for the hydrogen gas consuming reaction and a binder.

128278. Snam Progetti S.p.A. Process for the production of ethylene oxide and a catalyst therefor. Accepted on 29th November 1971.

Ethylene and oxygen are reacted in the presence of a catalyst containing as active components silver and at least one other compound and/or element known to be capable of effecting an oxidation reaction.

128377. N. V. Philips Gloeilampenfabrieken. Method of converting a crystal. Accepted on 29th November 1971.

Characterized in that the constituent in the heated space is exchange between the first crystal and material into the said space, said material containing the compound(s) of the second crystal in a ratio which is substantially equal to that of the second crystal.

128420. Abex Corporation. Railroad car retarders. Accepted on 29th November 1971.

Comprising a pair of levers presenting opposed retarding elements engageable with opposite sides of the wheel and adapted to be disposed on opposite sides of the traffic rail with the retarder elements.

128432. Polymer Corporation Limited. Process for producing an embossed latex foam for use as carpet underlay. (24th September 1969). Accepted on 29th November 1971.

Foaming a film-forming aqueous latex compound, heating the foam layer at a drying temperature between 125° to 160° C, and embossing the at least partially dried foam layer at a temperature greater than the drying temperature to cure the curable polymer.

128438. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of allyl alcohol. Accepted on 2nd December 1971.

Comprises reacting allyl acetate and water under pressure and at a temperature within the range of from 150° to 350°C.

128482. Opti-Holding A. G. Process for the manufacture of sliding clasp fastener with knitted stringer tapes and the fastener so made. Accepted on 2nd December 1971.

In which two rows of interlocking elements in the engaged or disengaged condition are attached to two textile stringer tapes.

128630. Kobe Steel, Ltd. Center mechanism for press to shape and cure tires. Accepted on 29th November 1971.

Comprises vertical power cylinder piston means in said cylinder, and magnetic sensor means.

128631. Kobe Steel, Ltd. Apparatus for withdrawal of cured tires from a press for shaping and curing tires. Accepted on 29th November 1971.

Comprises a plurality of segment plates and cam means selectively expanding said segment plates.

128632. Kobe Steel, Ltd. Bladder clamping device for press for shaping and curing pneumatic tires. Accepted on 29th November 1971.

Comprises drive unit means, power converting means, and motion transmitting means connecting the output of said power converting means to the vertical cylinder.

128633. Kobe Steel, Ltd. Mechanism for withdrawal of cured tires from a press for shaping and curing pneumatic tires. Accepted on 29th November 1971.

Comprises arm means and means for drying the upper mold section and for driving said arm means.

128789. Badische Anilin & Soda-Fabrik Aktiengesellschaft Substituted 1, 2, 4-oxadiazolidine-3, 5-dione, process for the preparation thereof and herbicide containing same. Accepted on 2nd December 1971.

By reacting 2-(3-hydroxyphenyl)-4-methyl-1, 2, 4-oxadiazolidin-3, 5-dione with tert-butylisocyanate in the presence or absence of a solvent at temperatures between 10° and 100°C.

128820. Peanut Research & Testing Laboratories, Inc. Stabilized impregnated peanuts and method of making same. Accepted on 29th November 1971.

Subjecting peanuts to a first oil bath heated to a roasting temperature to roast said nuts and then reconstituting them to their original size and drawing for a short period and then subjecting the reconstituted nuts to a second oil bath at a temperature of 130—140°F.

128832. Universal Oil Products Company. A plastic casting and method of manufacture thereof. Accepted on 2nd December 1971.

Comprising the steps of applying a plastic to the inner surface of a mould surrounded by a heating element, passing current through the said element causing the said molten plastic to solidify and form a casting and thereafter removing said casting from the mould.

128872. B. G. Salokhe. Improved coconut scraper. Accepted on 3rd December 1971.

Characterised in that each section of the scraper is made by folding a serrated disc to form into two scraping surfaces and the horizontal shaft is supported on two walls of the stand.

128885. R. Liot and E. Liot. Dried egg. Accepted on 29th November 1971.

Incorporating a sucroglyceride or sucrose ester of a fatty acid into liquid egg optionally from which all or part of natural reducing sugars have been removed.

129043. Imperial Chemical Industries Limited. Process for the manufacture of thermoplastic polymer foams. (5th November 1969). Accepted on 2nd December 1971.

Heating a thermoplastic polymer above its melting point with a blowing agent comprising a benzotriazinone.

129105. T. G. Hutt. Manufacture of master batch material and apparatus therefor. Accepted on 1st December 1971.

Comprising belding the ingredients of the master batch material, the ingredients including a wax, feeding the blended ingredients to an extruder, and extruding the ingredients under pressure.

129154. Snam Progetti S.p.A. Process for removing catalytic metal residues from polyolefines and apparatus for carrying out the same. Accepted on 3rd December 1971.

Introducing a hydrocarbon suspending medium of a polyolefin containing catalytic metal residue, into upper region of a vessel, introducing a solvent comprising a mixture of an anhydrous aliphatic alcohol and same hydrocarbon into the lower region, causing a plug of suspended polyolefin to move downwardly through the vessel, causing a part of solvent to move upward through said plug and removing from lower region polyolefin free of catalytic residue.

129180. P. C. Luthar. A device for lubricating the wheel flanges of railway vehicles. Accepted on 30th November 1971.

A device for lubricating the wheel flanges of railway vehicles while negotiating a curve in order to inhibit wear on flanges and rails and simultaneously ensure smooth guidance around curves.

- 129182, Pirelli Societa per Azioni. Breaker structures of radial cord carcass tyres. (25th September 1970). Accepted on 29th November 1971.

Comprises at least two super imposed strips of cord fabric of textile material at least one strip cord fabric of metallic material and an additional strip of cord fabric of metallic material or of another compression resistant material.

- 129183, Pirelli Societa per Azioni. Breaker structures of radial cord carcass tyres. (25th September 1970). Accepted on 29th November 1971.

Comprises at least two superimposed layers of cord fabric of textile material and an additional layer of cord fabric of metallic material or of another compression resistant material.

- 129316, Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicide preparation. Accepted on 29th November 1971.

Comprising (a) oxadiazolidinedione and oxadiazinedione or phenylmethylcarboxymethoxyurea compounds.

- 129598, Braunschweigische Maschinenbauanstalt. Apparatus for comminuting sugar cane. Accepted on 29th November 1971.

A second rotary cutter is provided above the conveyor belt downstream of the preliminary cutter and a rotary cane lifting drum is mounted upstream of said second cutter.

- 129621, Farbenfabriken Bayer Aktiengesellschaft. Dithiophosphoric acid esters and their use as insecticides and acaricides. Accepted on 29th November 1971.

Comprises reacting an O-ethyl-5-phenyl-dithiophosphate with an n-propyl halide.

- 129650, Franz Plasser Bahnbaumaschinen. Improvements relating to mobile machine for picking up, cleaning and re-distributing the ballast of railway tracks. Accepted on 30th November 1971.

Comprising an excavating chain with a horizontal run arranged to pass beneath the track, a ballast cleaning screen, a conveyor belt for redistributing the clean ballast and a conveyor for carrying away the waste and soiled ballast, said conveyor comprising two conveyor belts, one travelling forwards and the other rearwards in relation to the working direction of the machine.

- 129687, Midland-Ross Corporation. Railway car coupler. Accepted on 2nd December 1971.

Comprising a head, central axis, coupling planes knuckle pivots, knuckle, guard arm and hug portion, knuckle receiving recess deformable hood with roof.

- 129726, Texaco Development Corporation. Method of catalytic cracking of hydrocarbons. Accepted on 2nd December 1971.

Method for the catalytic cracking of hydrocarbon oils in a reactor having a multiplicity of elongated reaction zones wherein the effluent coming out from the said reaction zones is passed into a catalyst phase.

- 129766, C. S. Patel. Improvements in or relating to pilfer-proof closures, and neck rings for bottle or the like containers for such closures. Accepted on 27th November 1971.

Characterized in that its sealing band is perforated and flexible and carries an integrally formed extension tongue forming a grip holding and tearing apart said sealing band which carries a

locking ring, which is adapted to slide over lockble ring and get fitted within a locking groove formed in the neck ring.

- 129875, Kawasaki Jukogyo Kabushiki Kaisha. Heating surface construction of waste heat boiler for metal refining furnace. Accepted on 30th November 1971.

Characterized by a construction which a welding metal having surfaces is put between whole space of the two adjoining pipes, provided that one of the said surface in a plane parallel and adjacent to the common contact plane of adjoining pipes and the other surface is a narrow plane close to the straight line connecting the assumed centres of adjoining pipes.

- 129999, Ciba-Geigy AG. Process for the manufacture of flavanthrone dyestuffs. Accepted on 29th November 1971.

Comprises heating 1-halogeno-2-aminoanthraquinone with copper in polar aprotic organic solvent.

- 130483, Yuasa Battery Company Limited. Leakproof battery and method of manufacturing the same. Accepted on 2nd December 1971.

Characterised in that a composition of a mixture of thermoplastic synthetic resin powder with hydrated silica gel is disposed around a plate group, heated in saturated stream of over 100°C and solidified to form a liquid absorbable porous body integrally with the plate group liquid absorbable porous body being impregnated with an electrolyte and thereafter received in a battery container.

- 130506, C. W. Dames. Improvements in or relating to evaporation and distillation systems. Accepted on 27th November 1971.

The method comprising evaporating a part of the liquid flowing along a syphonic path in a space with a Torricellian vacuum and compressing the vapour in heat exchange relationship with a coolant to condense it while maintaining the vacuum.

- 132693, Fosco International Limited. Refractory dressings for ingot moulds. (12th March 1969). Divisional Date 11th March 1970. Accepted on 27th November 1971.

Comprising particulate refractory material, liquid sodium silicate as binder and aXanthomonas colloid as suspension agent.

- 133533, Paclide Corporation. Distillation apparatus. [Divisional date 20th June 1970]. Accepted on 1st December 1971.

Comprising a microporous membrane impermeable to liquid and permeable to vapour thereof, one face of which is formed with a member of parallel ridges and depressions and a pair of liquid and vapour impermeable corrugated films disposed one on each side and in contact with faces of the membrane so that the corrugations form channels between the films and the membranes.

Opposition Proceedings

(1)

An opposition has been entered by The Associated Cement Companies Limited to the grant of a patent on application No. 113796, made by Veb Chemiewerk Coswig.

(2)

An opposition has been entered by The Tata Oil Mills Company Limited to the grant of a patent on application No. 113914, made by Hindustan Lever Limited.

(3)

An opposition has been entered by Harbans Lal Malhotra & Sons Private Limited to the grant of a patent on application No. 120652 made by Hind Razor & Blade Company Private Limited.

(4)

An opposition has been entered by Poysha Industrial Company Limited to the grant of a patent on application No. 120947, made by The Metal Box Company of India Limited.

(5)

An opposition has been entered by T. T. (Private) Limited to the grant of a patent on application No. 123777 made by Hira Industries Private Limited.

(6)

An opposition has been entered by the Director-General, Research Designs & Standards Organisation to the grant of a patent on application No. 125118, made by Pandrol Limited.

(7)

An opposition has been entered by Avinash Rajsingh Chawla to the grant of a patent on application No. 126222, made by Johnson & Jorgensen (Plastics) Limited.

(8)

An opposition has been entered by Indian Detonators Limited to the grant of a patent on application No. 126314 made by Ireco Chemicals.

(9)

The opposition entered by Pulling and Lifting Machines Private Limited to the grant of a patent on application No. 116491 made by Tractel Trifor India Private Limited as notified in Part III, Section 2 of the Gazette of India, dated the 3rd July 1971 has been dismissed.

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Restoration Proceeding

An order has been made on the 25th November 1971, restoring the patent No. 91551 dated as of the 1st January 1964, granted to PHD, Inc. for "educational device".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138506. Vinayak Damodar Katrojiwar, 21, Laxmi Ratan, Lady Hardinge Road, Opposite Rivoli Cinema, Mahim, Bombay-16, State of Maharashtra, an Indian National, "Projector", March 19, 1971.

Class 1. No. 138624. Babuji Shilpi, An Indian Citizen, 'Anita' Flat No. 62, Mount Pleasant Road, Bombay-6, Maharashtra, India, "Folding chair", April 17, 1971.

Class 1. No. 138815. Anchor Pressing Private Limited, Marris Road, Aligarh (U.P.), India, an Indian Company, "A divider", July 16, 1971.

Class 3. Nos. 138503 and 138507. Vinayak Damodar Katrojiwar, 21, Laxmi Ratan, Lady Hardinge Road, Opposite Rivoli Cinema, Mahim, Bombay-16, State of Maharashtra, an Indian National, "Projector", March 19, 1971.

Class 3. No. 138778. Pankaj Plastic Industries (An Indian Proprietorship firm) Kapadia Building, 1st floor, 142, Mody Street, Bombay-1 (Maharashtra), "Paper-tray", June 29, 1971.

Class 3. No. 138787. Das Optical Industries, Indian Partnership firm, Vishvakarma Industrial state, Plot 3, Ramchandra Lane, Malad, West, Bombay-64, Maharashtra, "Soap case-cum-brush", July 2nd 1971.

Class 3. No. 138993. Poonam Plast. (an Indian Proprietorship firm), 83, Bazargate Street, Bombay-1, (Maharashtra), "Table calendar" September 10, 1971.

Class 4. No. 138505. Vinayak Damodar Katrojiwar, residing at 21, Laxmi Ratan, Lady Hardinge Road, Opposite Rivoli Cinema, Mahim, Bombay-16, State of Maharashtra, an Indian National "Projector", March 19, 1971.

Cancellation of the registration of Designs (Sec. 51A)

An application has been made by Madan Lal Chopra and another, trading as S. P. Engineering Works for cancellation of the registration of design No. 138265 stands in the name of Sat Pal Singh, Proprietor of Kakar Industries.

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